Application of:

PELED et al.

Serial No.:

09/986,503

Filed:

For:

November 9, 2001

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Serum-Derived Factor Inducing Cell

Differentiation and Medical Uses Thereof

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Group Art Unit: 1651

Docket: 01/22529

Attorney

Examiner:

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Sir:

Enclosed is a PTO Form SB/08A which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

Sol Sheinbein

Registration No. 25,457

Attorney for Applicant

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Date: September 19, 2002

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	Substitute	or form 1449AVP1O	Application Number	09/986,503	
	INFORM	IATION DISCLOS	SURE	Filing Date	November 9, 2001
		MENT BY APPLIC	First Named Inventor	Peled et al	
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Sheet	1	of	5	Attorney Docket Number	01/22529

			U.S. PATENT DOCUMENTS		
Examiners Initials	Cite No. 1	U.S. Patent Document  Number Kind Code (if known)		Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
	AA	4,335,116	Howard	06-15-1982	
	AB	4,642,120	Nevo et al	02-10-1987	
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				U.S. PATENT DOCUMENTS		
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Examiners Initials	Cite No. 1	Number Kind Co (if know		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
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	BJ	5,716,411		Orgill et al	02-10-1998 -	
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	BQ	5,925,567		Kraus et al	07-20-1999	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	$T^2$
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	BS	Hogan et al., Engraftment and Development Blood 1997, July 1, 1990, (1) pp. 85-96	
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	BU	Nieto Y, et al., Autologous stem-cell, Hematal Oncol. Clin North Am, 1999, Oct. 13 (5), pp. 939-968	
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Examiner	 Date	
Signature	Considered	

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		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	2
	BW	Howrey, RP et al., Graft-versus-leukemia-induced Bone Marrow Transplant 2000,		
	1	Dec. 26 (11) pp. 1251-1254		
	BX	Shpall E.J. et al, Purging of Autologous, J. Hematother 1992 Spring, 1(1), pp. 45-54		
	BY.	Shpall E.J. et al, Transplantation of, J. Hematother 1994 Summer, 3(2), pp. 145-145		
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	CC	Shpall et al., Effects of CD34+ Biol Blood Marrow Transplant, 1998, 4 (2),		
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	CF	Peters WP et al., Role of Cytokines, Hematol Oncol Clin North Am 1993,		
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	СМ	Klein A.K. et al., T-Cell Recovery in Adults, Biol. Blood Marrow Transplant 2001, 7 (8) pp 454-466		
	CN	Gluckman E., Use of Hematopoetic, Bull Acad. Mat'l Med. 1998, 182 (2), pp. 337-348		
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	CP	Gluckman E. et al., Results of Unrelated Umbilical Cord, Rev. Clin. Exp.		
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	CQ	Broxmeyer HE et al., Umbilical Cord Blood, Blood Cells 1991, 17, (2), pp. 313-329		

Examiner	Date	
Signature	Considered	

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Complete if Known Substitute for form 1449A/PTO **Application Number** 09/986,503 INFORMATION DISCLOSURE Filing Date November 9, 2001 First Named Inventor Peled et al STATEMENT BY APPLICANT Group Art Unit 1651 (use as many sheets as necessary) **Examiner Name** Sheet 4 Attorney Docket Number of 5 01/22529

•		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	1	
Initials	No.1	item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CR	Broxmeyer HE et al., Human Umbilical Cord Blood, Int. J. Cell Cloning 1990,		
	•	Jan, 8 Suppl. 1, pp. 76-89, discussion pp. 89-91		
	CS	Walters MC et al., Collaborative Multicenter, Biol. Blood Marrow Transplant		
	•	1997, Dec. 3, (6), pp. 310-315		
	CT	Laursen pH et al., Synthesis of 2,4,7-trichloroimidao, J. Am. Chem. Soc, Vol 27,		
		July 1962, pp. 2500-2504		
	CU	Beardsley T., Stem Cells Come of Age, on-line Scientific American, July 1999, pp. 1-2		
	CV	Long-Term Expansion of Hemopoietic Progenitors (HPC) from Human Umbilical Cord		
		Blood by Copper Chelators, presented at 41 <sup>st</sup> ASH Meeting, 1999, New Orleans, USA		
	CW	Regulation of Long-Term Expansion of Hemopoietic Stem-Progenitor Cells (HPC) By		
		Intracellular Copper Content, presented at 42 <sup>nd</sup> ASH Meeting, 2000, San Francisco, USA		
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	CY	Zhao J. et al., An Efficient Method for The Cryopreservation of Fetal Human Liver		
*		Hematopoeitic Progenitor Cells, Stem Cells 2001, 19, pp. 212-218		
	CZ	Ohta Y. et al., Ascorbate-induced high-affinity Biochem Biophys Res. Commun.		
		2001, Oct. 5, 287 (4), pp 888-894		
	DA	Aoki S., et al., A Double-Functionalized Cyclen J. Am. Chem. Soc. 2001, Feb. 14,		
		123(6), pp 1123-1132		
	DB	Al-Abdullah IH et al., Neogenesis of Pancreatic Endocrine, Pancreas 2000, Jul, 21		
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	DD	Jones-Wilson TM et al., The <i>in-vivo</i> Behavior of Copper-64-Labeled, Nucl. Med.		
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	DE	Kimura E. et al., Why Zinc in Zinc Enzymes, J. Biol. Inorg. Chem. 2000, Apr. 5,	]	
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		Feb., 17 (2), pp. 243-250	N	
	DG	Kikuta E. et al., Controlling Gene Expression, J. Inorg. Biochem, 2000, Apr., 79	TF	0
<del></del>		(1-4), pp. 253-259	<del>7</del>	2
	DH	Bridger GJ et al., Synthesis and Structure-Activity, J. Med. Chem., 1996, Jan 5,	39	2002
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 5 Attorney Docket Number 01/22529

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the	
Initials	No.1	item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	DI.	Inouye Y. et al., Differential Contribution of Metal, Biol. Pharm. Bull, 1996, Mar. 19(3) pp. 456-458	
	DJ	Hyun HJ et al., Depletion of Intracellular Zinc and Copper, Invest Ophthalmol Vis Sci 2001, Feb; 42	
	DĶ	Pyatt DW et al., Dithiocarbamates Inhit, Biochem Biophys. Res. Commun, 2000, Aug. 2, 274 (2), pp. 513-518	
	DL	Chen. SH et al., Oxidative Stress and c-Jun, Eur. J. Pharmacol, 2001, Mar 2, 414,(2-3), pp. 177-188	
	DM	Iseki A., et al., Pyrrolidine dithiocarbamate Inhibits, Biochem Biophys Res. Commun. 2000, Sept. 16, 276(1) pp. 88-92	*
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		OCT 0	<b>2</b> 2002
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